



FIG. 1

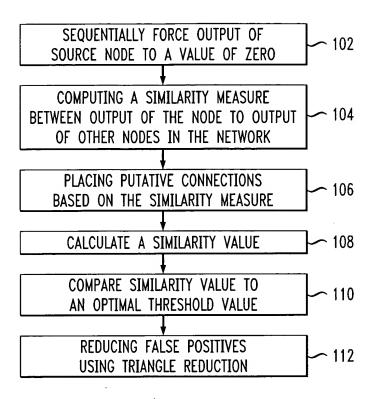


FIG. 2

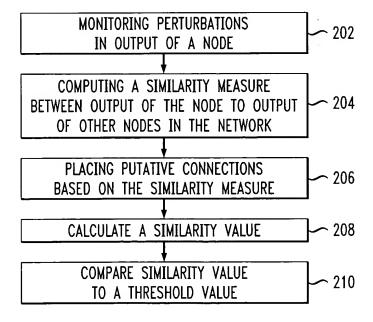
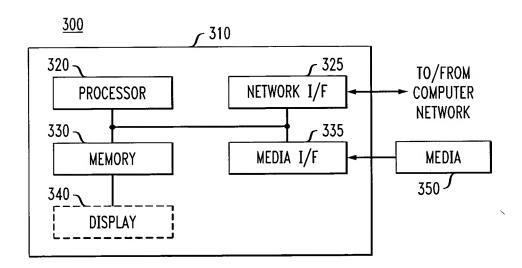


FIG. 3



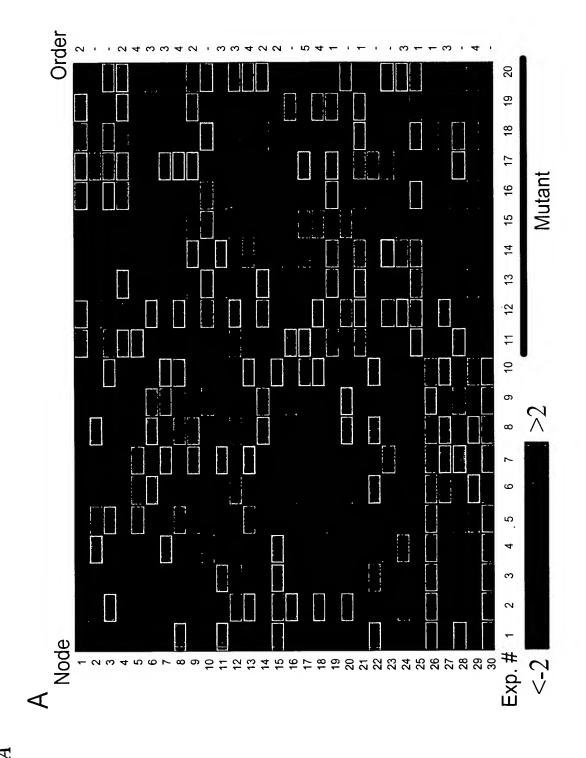
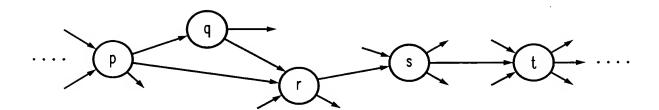
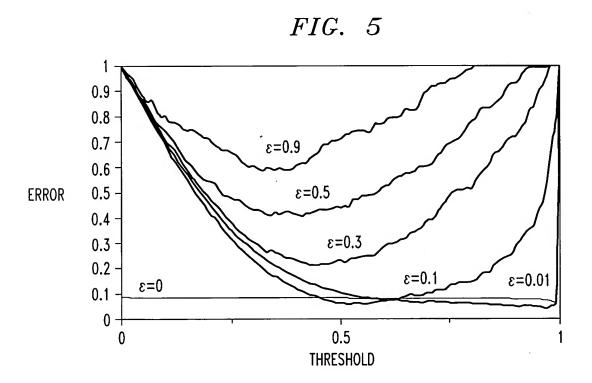
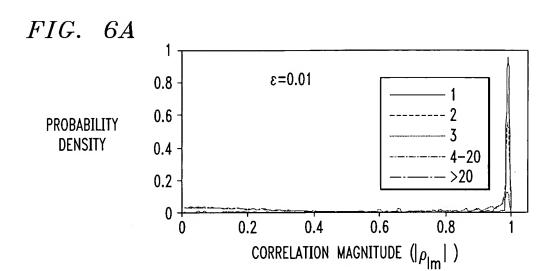


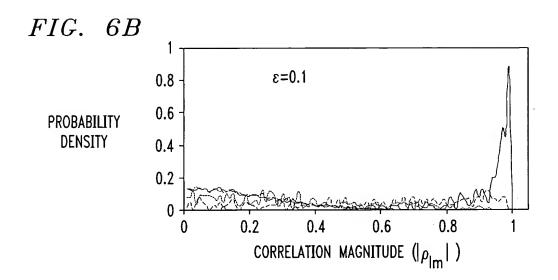
FIG. 4

FIG. 4B









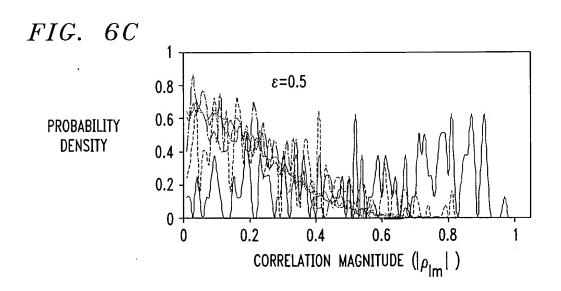


FIG. 7A

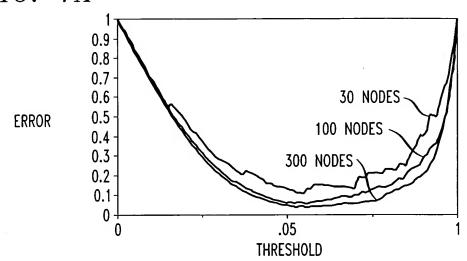


FIG. 7B

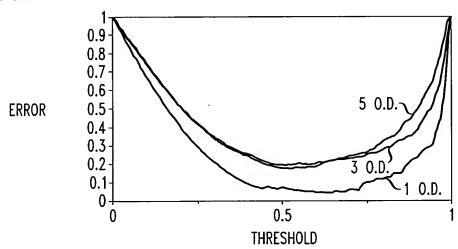
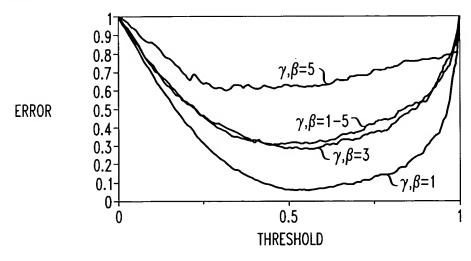
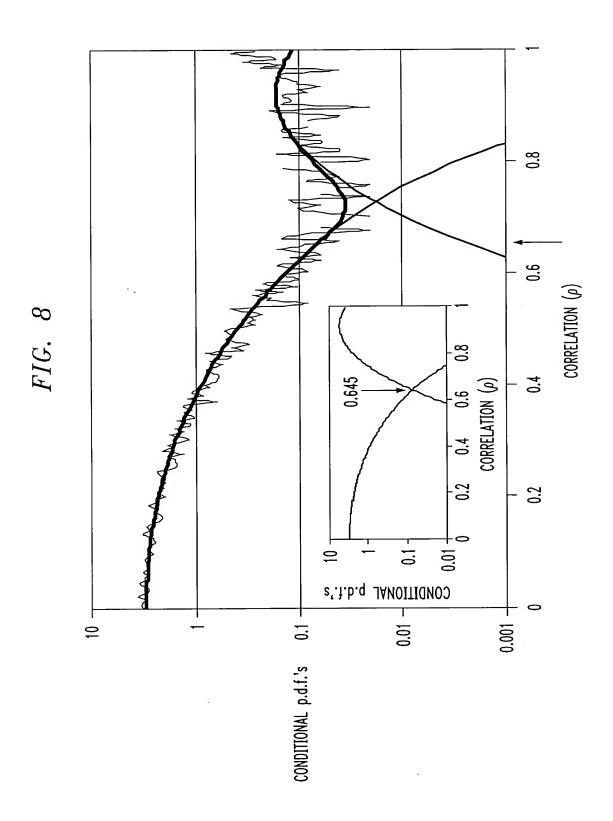
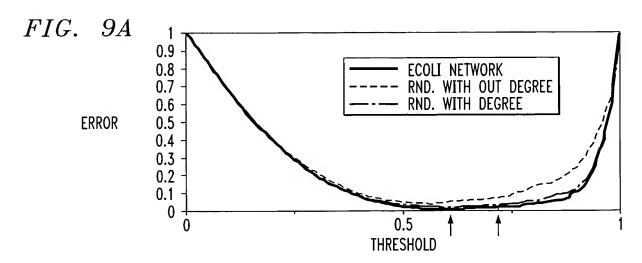
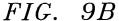


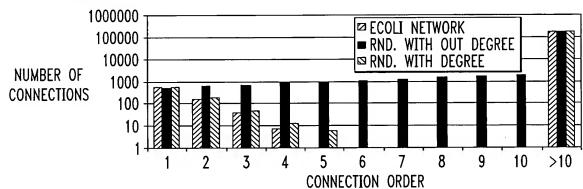
FIG. 7C

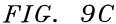


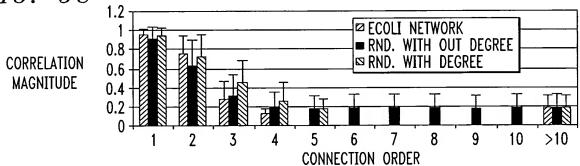












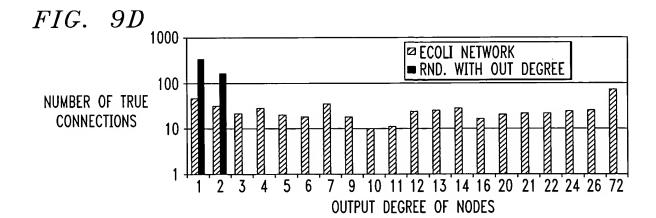


FIG. 10A

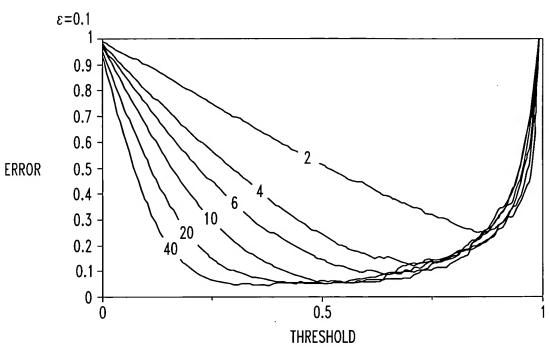


FIG. 10B

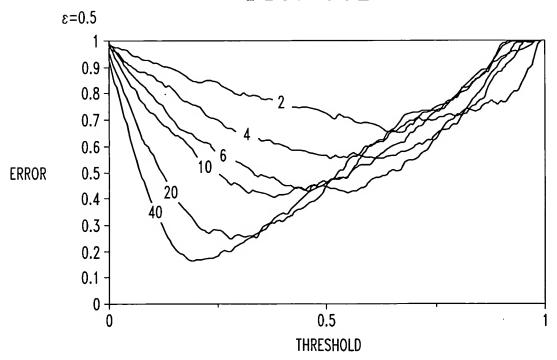
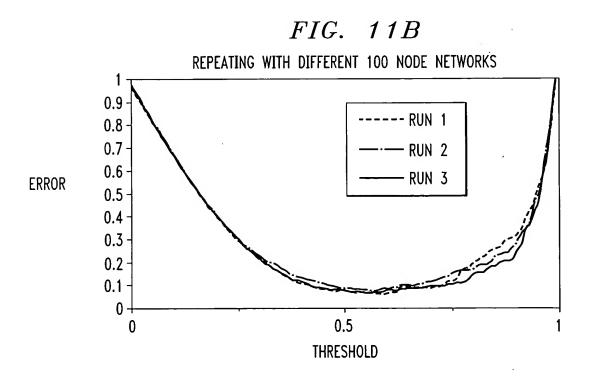


FIG. 11A REPEATING WITH SAME 100 NODE NETWORK 0.9 ---- RUN 1 0.8 - RUN 2 0.7 -- RUN 3 0.6 -**ERROR** 0.5 -0.4 -0.3 -0.2 -0.1 -0+ 0.5 **THRESHOLD**



GAS STATION A GAS STATION F GAS STATION C EXAMPLE SUPPLY CHAIN FOR PETROLEUM FIG. 12 DISTRIBUTOR E DISTRIBUTOR D REFINERY C REFINERY B REFINERY A

